



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/539,018	11/30/2005	Herve Gouessant	0579-1094	7394
466	7590	11/19/2010	EXAMINER	
YOUNG & THOMPSON 209 Madison Street Suite 500 Alexandria, VA 22314				ABRISHAMKAR, KAVEH
ART UNIT		PAPER NUMBER		
2431				
			NOTIFICATION DATE	DELIVERY MODE
			11/19/2010	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

DocketingDept@young-thompson.com

Office Action Summary	Application No.	Applicant(s)	
	10/539,018	GOUESSANT ET AL.	
	Examiner	Art Unit	
	KAVEH ABRISHAMKAR	2431	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 26 May 2010.
 2a) This action is **FINAL**. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 3,6,8,11-13 and 15-17 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 3,6,8,11-13 and 15-17 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____ .
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____ .	5) <input type="checkbox"/> Notice of Informal Patent Application
	6) <input type="checkbox"/> Other: _____ .

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on May 26, 2010 has been entered.

1. Claims 3, 6, 8, 11-13, and 15-17 are currently pending consideration.

Response to Arguments

Applicant's arguments filed on May 26, 2010 have been fully considered but they are not persuasive for the following reasons:

The Applicant argues that the Cited Prior Art (CPA), Lee (U.S. Patent 5,923,759), does not teach that the interfaces are included in a microcircuit card. This argument is not found persuasive. The CPA teaches a plurality of smart card (microcircuit card) interfaces (column 3, lines 53-57). Furthermore, the CPA teaches that preliminary data is provided to the card via an interface which is interpreted as the second input-output means (column 7, lines 17-34). Therefore, the CPA does teach the interfaces are within a microcircuit card. Alternatively, the Applicant does not define what a microcircuit card is meant to be, and therefore, an interface card on a host can be read to include a "microcircuit card." Furthermore, the Applicant does not define that the first and second

input-output means are separate interfaces, and therefore, can also be read to include one interface with two different input-output functions. Therefore, the rejections is maintained as given below.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claim 16 is rejected under 35 U.S.C. 102(e) as being anticipated by Lee (U.S. Patent 5,923,759).

Regarding claim 16, Lee discloses:

first input-output means for receiving digital data (column 3, lines 51-59);

processing means for processing said digital data (column 3, lines 51-59);

transfer means for transferring said digital data between the first input-output means and a storage area (column 7, lines 18-34);

second input-output means for receiving preliminary data (column 7, lines 17-23);

stream control means adapted to control the transfer of digital data taking into account the preliminary data (column 7, lines 17-34: *change switch between algorithms*).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 3, 6, 8, 11-13, 15 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Lee (U.S. Patent 5,923,759) in view of Pyle et al. (U.S. Patent 5,737,231).

Claim 3 is rejected as applied above in rejecting claim 16. Furthermore, Lee discloses:

Microcircuit card according to claim 16, characterized in that said security data (DATA_CTRL) includes authentication data (AUTH) for authenticating a portion (P1) of the digital data received by the card, the stream control means (26) being adapted to verify the validity of said digital data (DATA) on the basis of this authentication data (AUTH) and to control said transfer as a function of the result of this verification (column 7, lines 17-23).

Claim 6 is rejected as applied above in rejecting claim 16. Furthermore, Lee discloses:

Microcircuit card according to claim 16, characterized in that the stream control means are adapted to modify at least one operating parameter of said transfer means (DMA) (column 7, lines 17-34: *change switch between algorithms*).

Claim 8 is rejected as applied above in rejecting claim 16. Furthermore, Lee discloses:

Microcircuit card according to claim 16, characterized in that said processing means (12) include a data compression unit (13), a data decompression unit, a data encryption unit or a data decryption unit (column 1, liens 1-15).

Claim 11 is rejected as applied above in rejecting claim 16. Furthermore, Lee discloses:

Microcircuit card according to claim 10, characterized in that said preliminary data includes authentication data (PASSWD) (column 7, lines 51-60: *PIN*).

Claim 12 is rejected as applied above in rejecting claim 16. Furthermore, Lee discloses:

Microcircuit card according to claim 10, characterized in that said data includes a storage address for said digital data (column 7, lines 23-24).

Claim 13 is rejected as applied above in rejecting claim 16. Furthermore, Lee discloses:

Microcircuit card according to claim 1, characterized in that it further includes regulation means (PLL) adapted to modify a clock frequency applied to the processing means (12) as a function of said security data (DATA_CTRL) (column 6, lines 20-25: *switching between synchronous and asynchronous clocks*).

Claim 15 is rejected as applied above in rejecting claim 11. Furthermore, Lee discloses:

Microcircuit card according to claim 11, characterized in that said data includes a storage address for said digital data (column 7, lines 17-23).

Claim 17 is rejected as applied above in rejecting claim 16. Lee does not explicitly disclose that the transfer means include a DMA component. Pyle discloses a DMA controller that automatically transfers network frame data between the network controller and buffers in host system memory (Pyle: column 10, lines 4-22). It would have been obvious to one of ordinary skill in the art at the time of invention to use the DMA controller of Pyle in the system of Lee to allow multiple data transfers from a single

fixed memory location or from sequential memory locations to the same number of sequential memory locations (Pyle: column 10, lines 4-22).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KAVEH ABRISHAMKAR whose telephone number is (571)272-3786. The examiner can normally be reached on Monday thru Friday 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Korzuch can be reached on 571-272-7589. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Kaveh Abrishamkar/

Application/Control Number: 10/539,018
Art Unit: 2431

Page 8

Primary Examiner, Art Unit 2431

/K. A./
10/12/2010
Primary Examiner, Art Unit 2431